MCCDC PRESENTATION

LTCOL KIRK HYMES

5 MAY 2004

AGENDA

- Artillery Triad
- CID/BFSA
- Distributed OPS
- Additional Issues of Note
  - NSFS
  - Targeting
  - GO Survey Results

Triad Status

EFSS

LW155

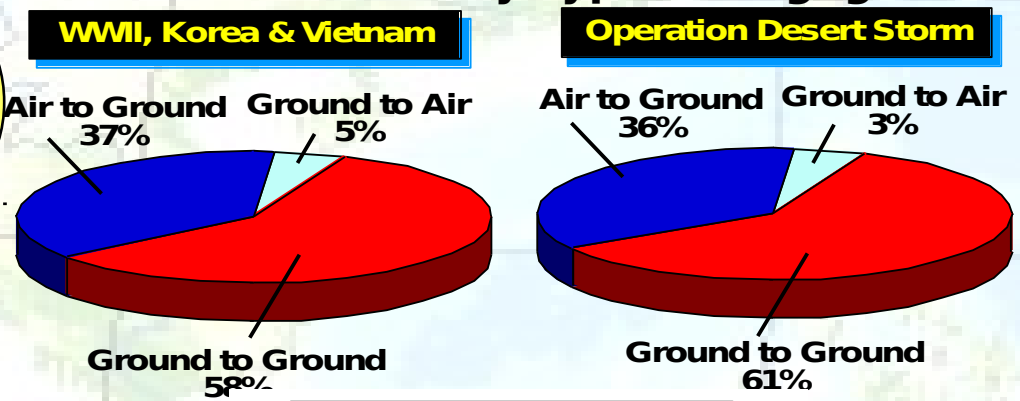
HIMARS

The Need for Combat ID

TFXXI AWE
32 Fratricide Incidents
109 KIA/38 WIA

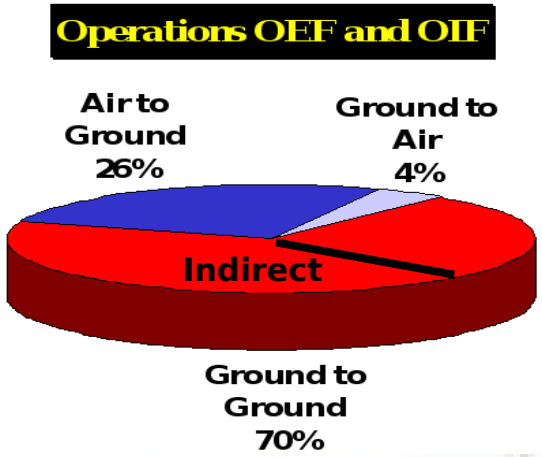
ASCIET 00
20 Fratricide Incidents

Fratricide Incident by Type of Engagement



Desert Storm
28 Fratricide Incidents
35 KIA/72 WIA

DCX I 01
31 Fratricide Incidents
Despite use of FBCB2/ 2GENFLIR



KIA + WIA

Still Under Investigation

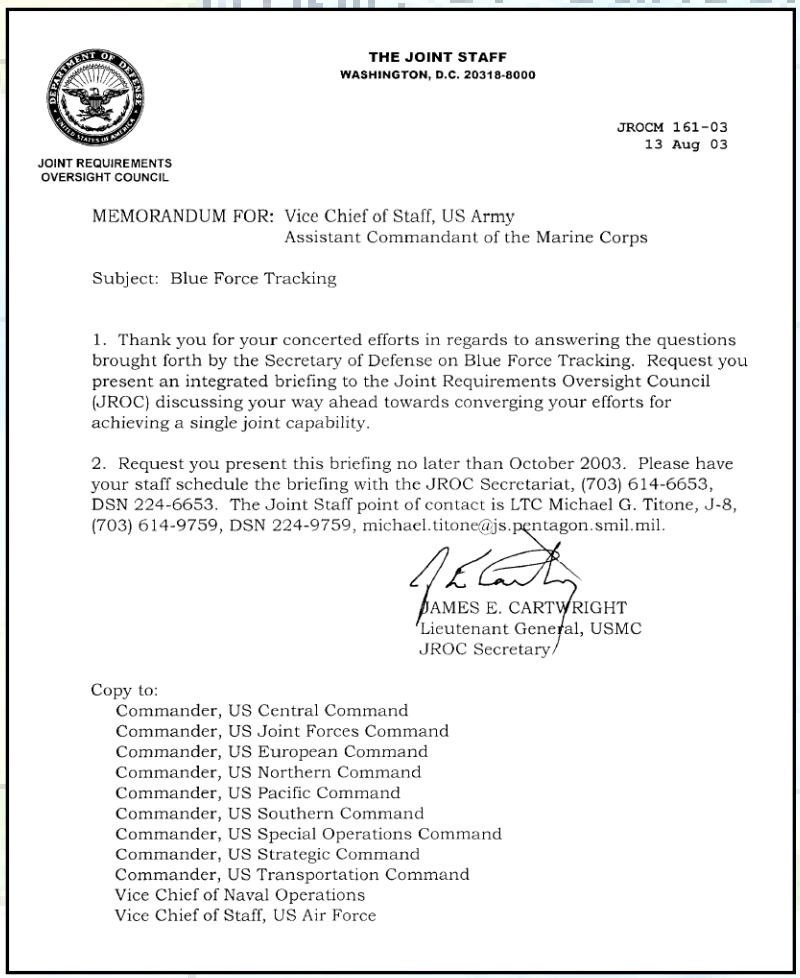
Fratricide Rates of Major US Conflicts

- NEW GEORGIA BURMA	14%	- PANAMA	12%
- BOUGANVILLE	12%	- DESERT STORM	24%
- WORLD WAR II	15%	- NTC ROTATIONS	15%
- GRENADA	13%		

Battle Space Awareness Guidance

- **OIF/OEF Lessons Learned**
  - FBCB2-BFT and C2PC very successful – provides foundation on which to build

- **JROCM 161-03, Subject: Blue Force Tracking, 13 AUG 03**
  - VCSA and Assistant Commandant, USMC present an integrated briefing to JROC discussing way ahead for converging efforts to achieve a single joint capability OCT 03



THE JOINT STAFF
WASHINGTON, D.C. 20318-8000

JOINT REQUIREMENTS OVERSIGHT COUNCIL

JROCM 161-03
13 Aug 03

MEMORANDUM FOR: Vice Chief of Staff, US Army
Assistant Commandant of the Marine Corps

Subject: Blue Force Tracking

1. Thank you for your concerted efforts in regards to answering the questions brought forth by the Secretary of Defense on Blue Force Tracking. Request you present an integrated briefing to the Joint Requirements Oversight Council (JROC) discussing your way ahead towards converging your efforts for achieving a single joint capability.

2. Request you present this briefing no later than October 2003. Please have your staff schedule the briefing with the JROC Secretariat, (703) 614-6653, DSN 224-6653. The Joint Staff point of contact is LTC Michael G. Titone, J-8, (703) 614-9759, DSN 224-9759, michael.titone@js.pentagon.smil.mil.

JAMES E. CARTWRIGHT
Lieutenant General, USMC
JROC Secretary

Copy to:
Commander, US Central Command
Commander, US Joint Forces Command
Commander, US European Command
Commander, US Northern Command
Commander, US Pacific Command
Commander, US Southern Command
Commander, US Special Operations Command
Commander, US Strategic Command
Commander, US Transportation Command
Vice Chief of Naval Operations
Vice Chief of Staff, US Air Force

Converge <u>C2 and SA</u> capabilities for <u>Ground Forces soonest</u>

Convergence Drivers

Battalion and Above/CP:

- Single capability based on the Joint Tactical COP Workstation:
  - USMC's C2PC is foundation
  - Must meet Army's "Good Enough" requirement

Army Commander's Needs – Top 7 + One

- **Friendly Locations**
- **Current Enemy Situation**
- **Running Estimate**
- **Graphic Control Measures (GCMs,FSCM,Capability Overlays)**
- **FRAGO's**
- **Commander's SITREPs**
- **FS Coordination Measures/Capabilities Overlap**

+

- **Joint and Coalition**

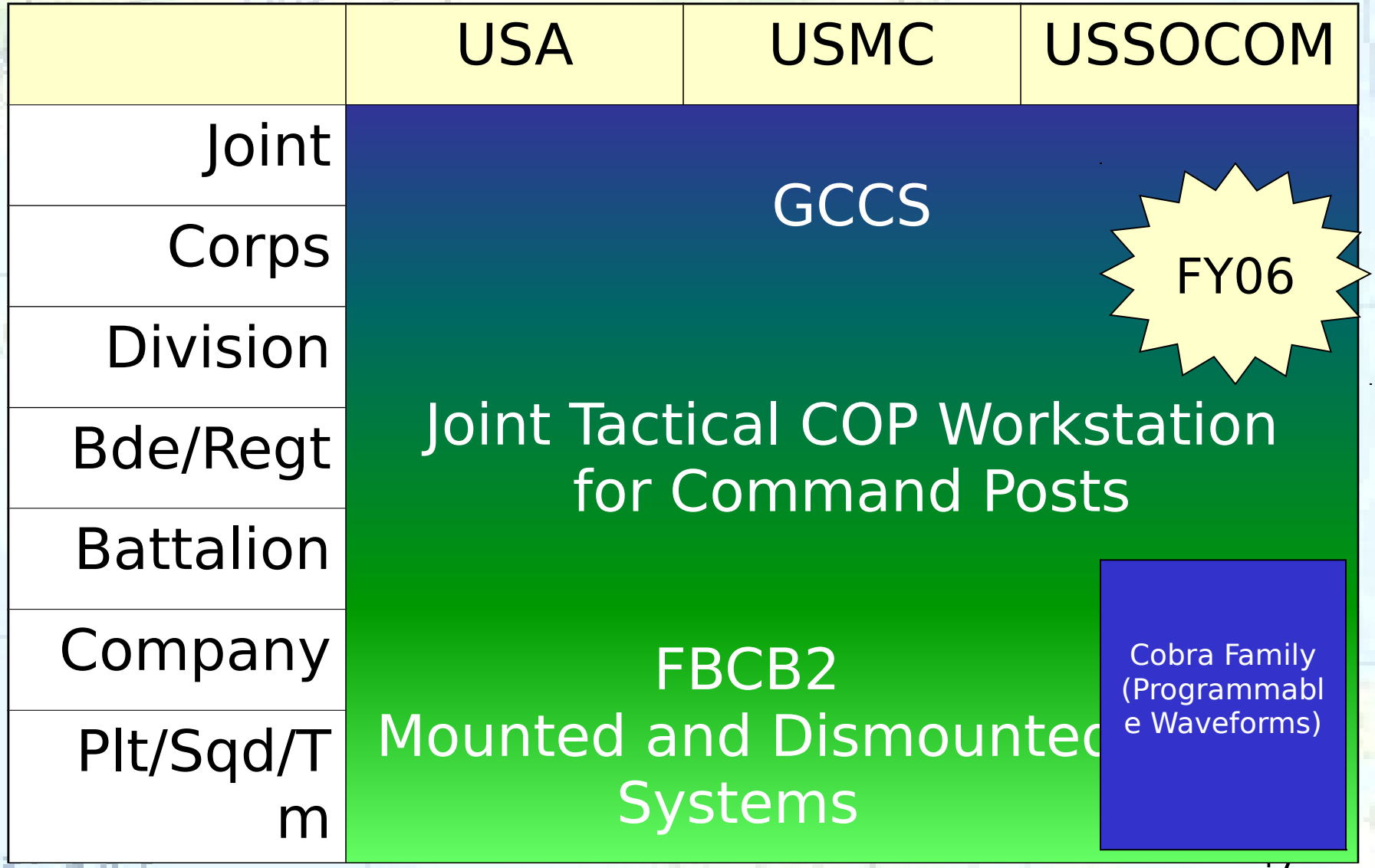
Brigade and Below/Platform:

- Single capability based on the Army's FBCB2:
  - Must meet USMC's and SOCOM's key capabilities

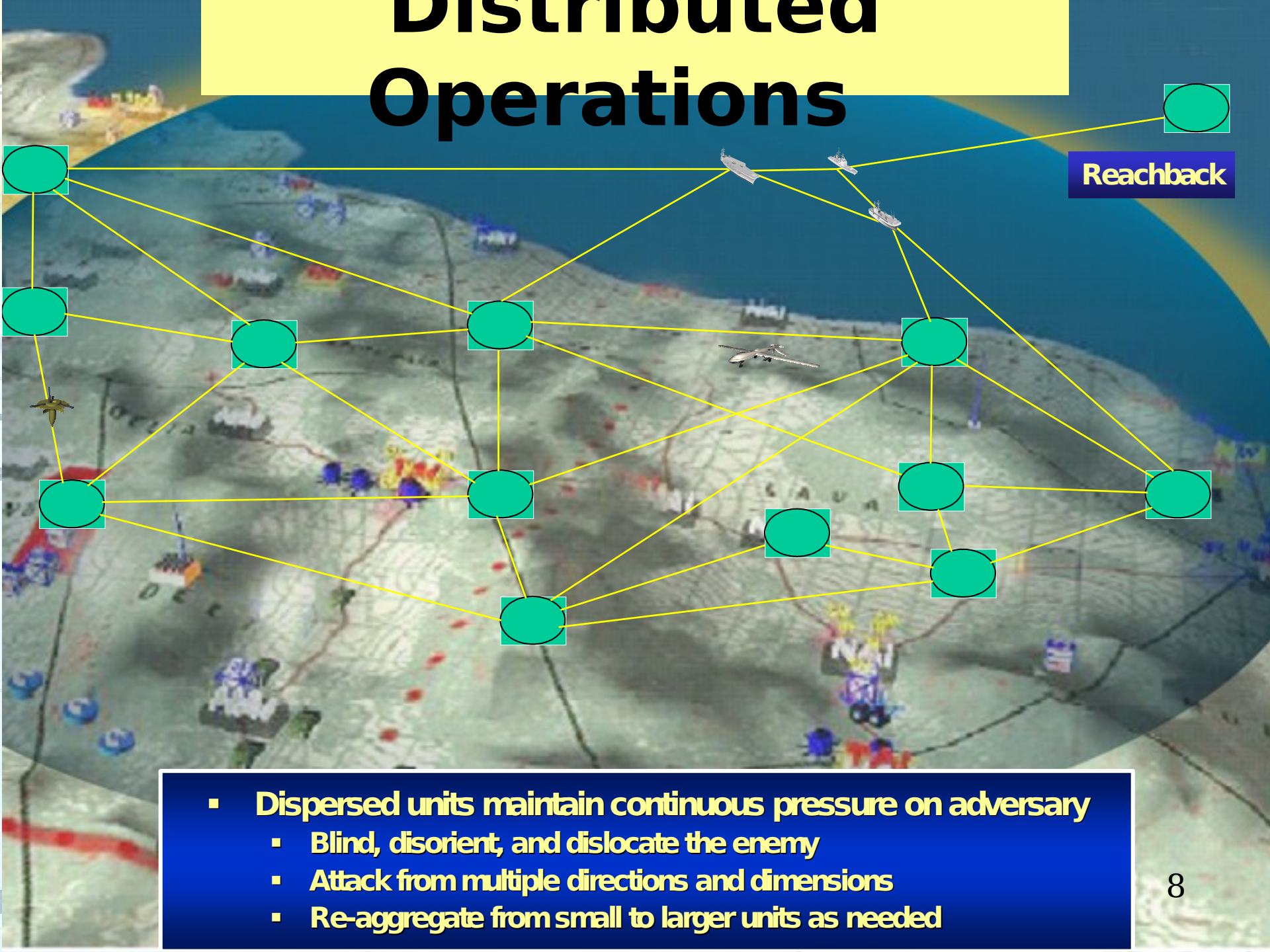
USMC and SOCOM Capabilities

- **Must be NSA Type I Encrypted or capable of operating on the SIPRNet**
- **Must be a native GCCS-J / JC2 COP client and must be able to dynamically establish direct peer to peer communications with other JBFSA-capable units**
- **Must open its Application Program Interfaces (API) to third party developers**
- **Demonstrate low probability of detection (LPD)/low probability of intercept (LPI) capabilities (SOCOM unique)**

Way Ahead


USA
USMC
USSOCOM
Joint
Corps
Division
Bde/Regt
Battalion
Company
Plt/Sqd/Tm
GCCS
FY06
Joint Tactical COP Workstation for Command Posts
FBCB2 Mounted and Dismounted Systems
Cobra Family (Programmable Waveforms)

Distributed Operations



- Dispersed units maintain continuous pressure on adversary
  - Blind, disorient, and dislocate the enemy
  - Attack from multiple directions and dimensions
  - Re-aggregate from small to larger units as needed

Operational Flexibility

Foot – Mobile Squads to 335 NM

ITV – Mobile Squads to 275 NM

Inf Co (REIN) Vertical to 110 NM

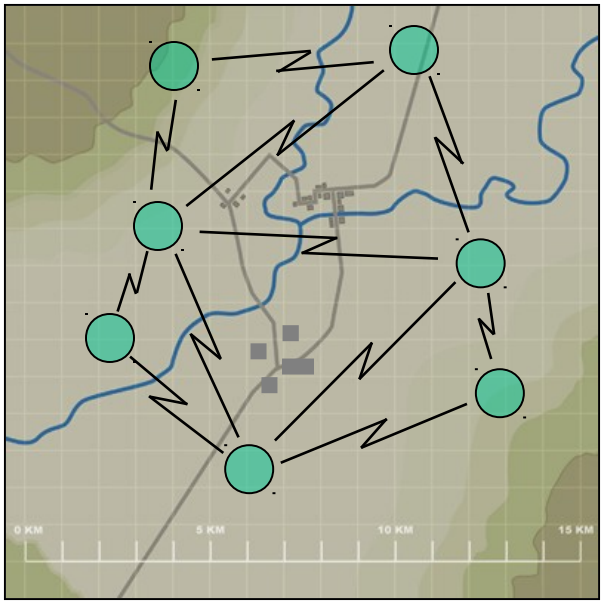
Location: Quantico, VA

Capabilities:
- **Unrefueled**
- **35°C**
- **8 hour period**

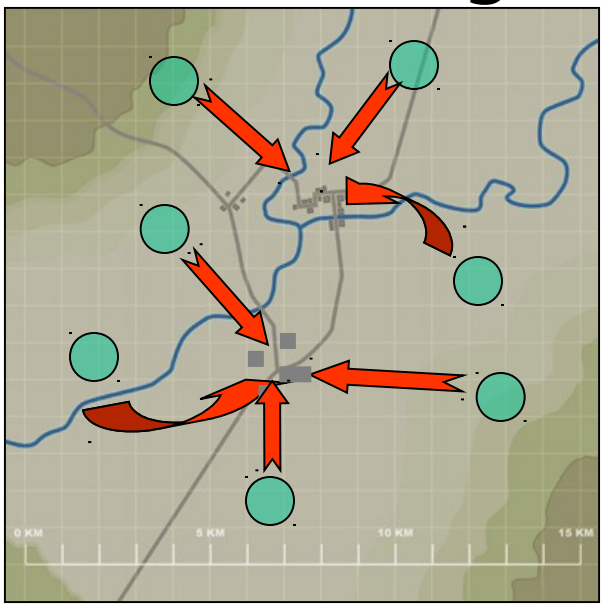
New Capabilities … *New Way to Fight*

The Power of a Networked Force

Distributed



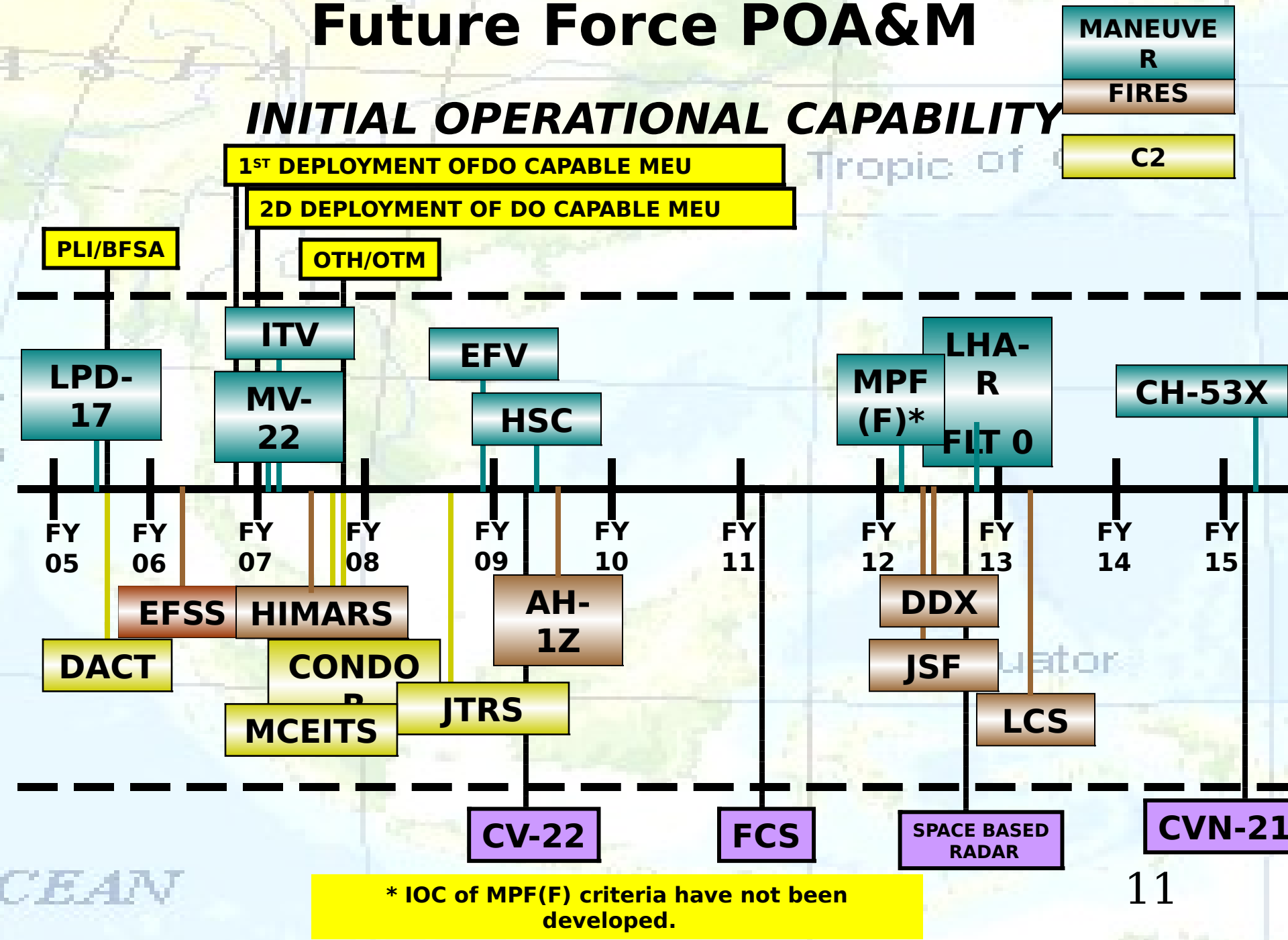
Swarming



Concentrate
d

- **Vertical and horizontal collection and dissemination of intelligence**
- **Disrupt/disorient the enemy**
- **Persistent engagement of ISR and joint fires**

Future Force POA&M

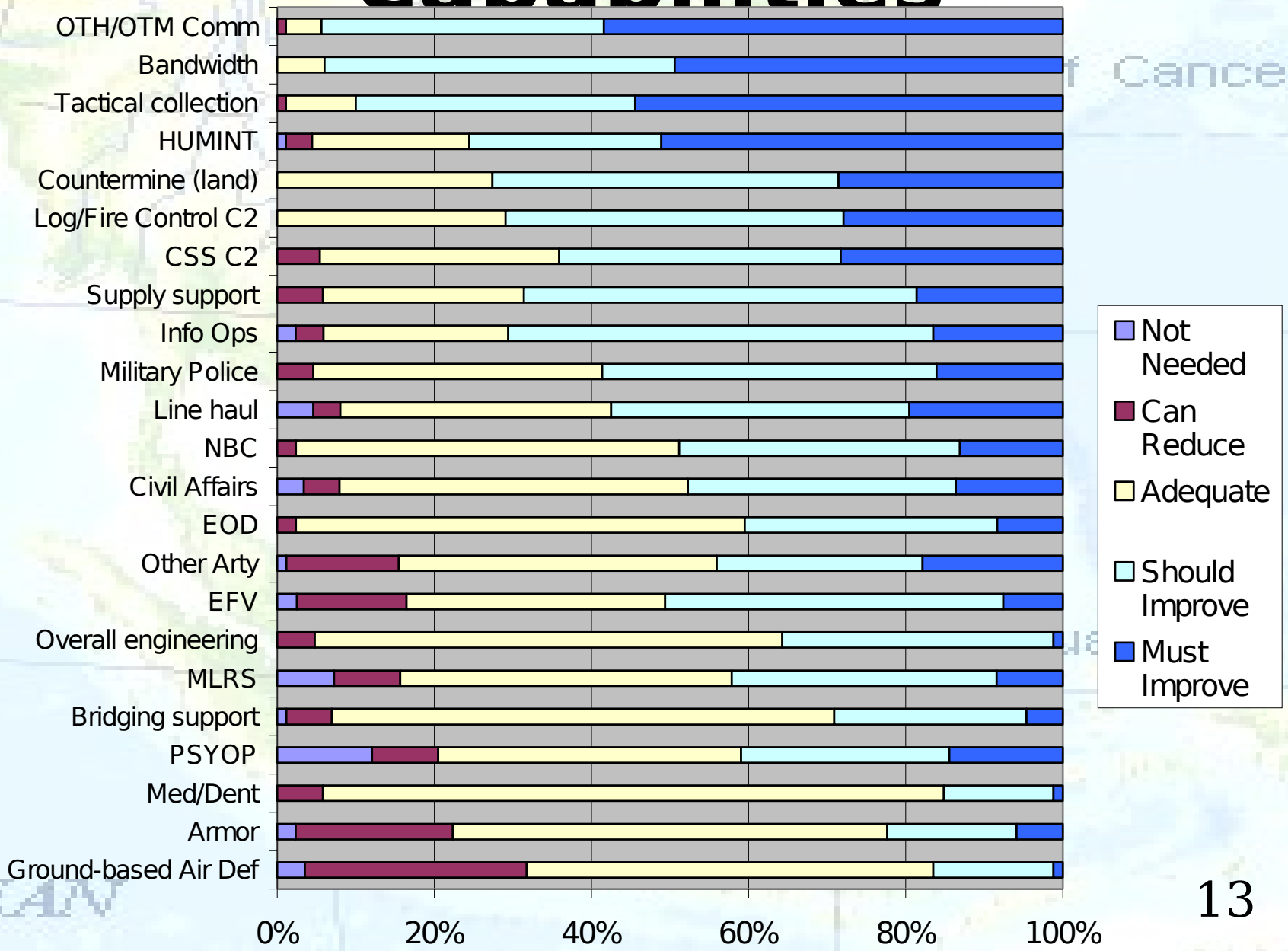


* IOC of MPF(F) criteria have not been developed.

Additional Issues of Note

- NSFS
  - ERGM …It’s alive….no-dead…wait--there’s a pulse
- Targeting
  - Who owns it?
  - UNS in the pipeline

Specific Organic Capabilities



Rounds Complete!

--Questions?